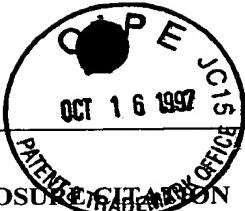


Form PTO-1449
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**INFORMATION DISCLOSURE STATEMENT
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U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
					YES	NO
WO-A-91 15590	10/17/91	WORLD WO				X
EP-A-0 361 082	4/4/90	EUROPE EP				X
WO-A-93 25696	12/23/93	WORLD WO				X
EP 0 373 230	6/20/90	EUROPE EP	EP2P	7718		X
DE 3734 764	10/14/87	Germany (Abstract Only)				

OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, Etc.*)

<i>leg</i>	Daniel Rolf et al., "Growth Temperature-Dependent Activity of Glycerol Dehydratase in <i>Escherichia Coli</i> Expressing the <i>Citrobacter freundii</i> dha Regulon", <i>Chemical Abstracts</i> , vol. 118, no. 7, February 15, 1993
<i>leg</i>	Tong, I TEH et al., "1,3-Propanediol Production by <i>Escherichia Coli</i> Expressing Genes from the <i>Klebsiella pneumoniae</i> dha Regulon", <i>Chemical Abstracts</i> , vol. 116, no. 9, March 2, 1992
<i>leg</i>	Otto, Karin Elizabeth, "Cloning and Characterization of the Propanediol Dehydratase Genes in <i>Salmonella Typhimurium</i> ", <i>Chemical Abstracts</i> , vol. 120, no. 11, March 14, 1994

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

